Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A tray transferring apparatus for transferring a tray on which electronic components are mounted, the tray transferring apparatus,_comprising:

a main frame;

a fixing means installed provided on the main frame, for supporting a fixed tray wherein the fixing means couples a first tray to the main frame;

a correcting means installed provided on the main frame, for correcting a tilt angle of a fixed tray supported by the fixing means wherein the correcting means adjusts a position of the first tray relative to the mainframe;

a gripping means installed provided on the main frame, for gripping a handling tray wherein the gripping means grips a second tray; and

at least one sensor installed provided on the main frame, for sensing wherein the at least one sensor senses at least one of an operational position of the gripping means and an existence of a handlingor a presence of a second tray.

2. (Currently Amended) The apparatus of claim 1, wherein the fixing means comprises:

a first fixing unit installed on a first side of the main frame, and configured to support one end of a fixed traya first end of the first tray; and

a second fixing unit installed on a second side of the main frame; and configured to support a second end of a fixed the first tray.

- 3. (Currently Amended) The apparatus of claim 2, wherein the first fixing unit comprises:
 - a pin attached to the main frame;
 - . a tension spring having a first end coupled to the pin;
- a first fixing member coupled to a second end of the tension spring and configured to elastically grip one end of a fixed the first tray, wherein a slot is formed in the first fixing member; and
- a slide member coupled to the main frame and installed in the slot of the first fixing member and configured to guide movement of the first fixing member.
- 4. (Currently Amended) The apparatus of claim 3, wherein a hooking jaw is formed in one end of the first fixing member, so that the <u>fixed-first</u> tray can be hooked and clamped thereon.

- 5. (Currently Amended) The apparatus of claim 3, wherein the second fixing unit comprises a second fixing member installed on a second side of the main frame, and configured to support the second end of a fixed the first tray.
- 6. (Original) The apparatus of claim 5, wherein the second fixing member is formed in a 'L' shape.
- 7. (Currently Amended) The apparatus of claim 1, wherein the correcting means is installed in a center along a central axis of the main frame.
- 8. (Currently Amended) The apparatus of claim 1, wherein the correcting means comprises:
 - a plate installed in the upper portion of the main frame;
- a compression spring installed below between a lower surface of the plate and the main frame; and
- a spacer coupled to a lower portion of the compression spring and configured to elastically directly correct a tilt angle of a fixed trayadjust a position of the first tray relative to the main frame.

- 9. (Currently Amended) The apparatus of claim 1, wherein the gripping means comprises:
 - a gripping unit configured to grip a handling the second tray;
 - a driving unit configured to drive the gripping unit; and
 - a guide unit configured to guide movement of the gripping unit.
- 10. (Currently Amended) The apparatus of claim 9, wherein the gripping unit comprises:
- a plurality of grippers disposed on opposite sides of the main frame,—and configured to grip a handling the second tray; and
- a plurality of gripper plates disposed on opposite sides of the main frame, wherein the plurality of grippers are installed on the plurality of gripper plates.
- 11. (Previously Presented) The apparatus of claim 9, wherein the driving unit comprises:
 - a ball screw configured to move the gripping unit; and
 - a cylinder configured to drive the ball screw.

- 12. (Previously Presented) The apparatus of claim 9, wherein the guide unit comprises a rod that passes through the gripping unit, wherein the rod is configured to guide movements of the gripping unit.
- 13. (Previously Presented) The apparatus of claim 1, wherein the at least one sensor is an optical sensor.
 - 14. (Canceled)
- 15. (Previously Presented) The apparatus of claim 13, wherein the optical sensor comprises first and second optical sensors.
- 16. (Currently Amended) The apparatus of claim 15, wherein the first optical sensor is installed in the at an upper portion of the main frame and is configured to sense movement of the gripper means, and wherein the second optical sensor is installed at a side of the main frame and is configured to sense an existence of a handlingthe presence of the second tray.
- 17. (Currently Amended) The apparatus of claim 1, wherein the correcting means is configured to bias a fixed tray against fixing members of the fixing means to thereby correct a tilt angle of a fixed adjust a position of the first tray supported by the fixing means.

- 18. (Currently Amended) The apparatus of claim 17, wherein the correcting means comprises an elastic element mounted on the main frame and configured to press against a fixed the first tray supported by the fixing means.
- 19. (Currently Amended) The apparatus of claim 17, wherein the correcting means comprises first and second elastic members that are mounted, respectively, adjacent first and second ends of the main frame, and wherein the first and second elastic members are configured to press against a fixed the first tray supported by the fixing means.
- 20. ((Currently Amended) The apparatus of claim 1, wherein the fixing means is configured to hold a fixed the first tray immediately adjacent the main frame, and wherein the gripping means is configured to hold a handling the second tray against a side of the fixed first tray opposite the main frame.
- 21. (Currently Amended) The apparatus of claim 1, wherein the gripping means is configured to hold a handling the second tray against a side of a fixed the first tray opposite the main frame such that electronic components arranged in holding depressions in the handling second tray are prevented from escaping the holding depressions.

22. (Currently Amended) A tray transferring apparatus for transferring a handling tray bearing electronic components, comprising:

a main frame;

a fixing unit installed on the main frame and configured to hold a fixed first tray immediately adjacent the main frame;

a gripper unit installed on the main frame and configured to hold a handling second tray bearing a plurality of electronic components in holding depressions, wherein the gripper unit is configured to hold the handling second tray adjacent a side of the fixed first tray opposite the main frame.

- 23. (Currently Amended) The apparatus of claim 22, wherein the gripper unit is configured to hold the handling-second tray against the fixed first tray to prevent the electronic components from escaping the holding depressions.
- 24. (Currently Amended) The apparatus of claim 22, further comprising a correcting unit that is configured to correct a tilt angle of a fixed adjust a position of the first tray held by the fixing unit relative to the main frame.

- 25. (Currently Amended) The apparatus of claim 24, wherein the correcting unit comprises a biasing member that is configured to press a fixed the first tray against gripper jaws of the fixing unit.
- 26. (Previously Presented) The apparatus of claim 25, wherein the biasing member is mounted on the main frame.
- 27. (New) The apparatus of claim 8, wherein the spacer limits movement of the first tray relative to the main frame.
- 28. (New) The apparatus of claim 17, wherein the correcting means is configured to limit movement of the first tray relative to the main frame.
- 29. (New) The apparatus of claim 20, wherein the fixing means is configured to hold the first tray immediately adjacent a bottom surface of the main frame, and wherein the gripping means is configured to hold the second tray against a bottom surface of the first tray.
- 30. (New) The apparatus of claim 22, wherein the fixing unit is configured to hold the first tray such that an upper surface of the first tray is positioned immediately adjacent a lower surface of the main frame, and wherein the gripper unit is configured to hold the second

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tray such that an upper surface of the second tray is positioned immediately adjacent a lower surface of the first tray.

31. (New) The apparatus of claim 24, wherein the correcting means is configured to limit movement of the first tray relative to the main frame.